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**TOTAL NUMBER OF PAGES INCLUDING COVER SHEET** 18

**MESSAGE:** Application No.: 09/987,674  
Filing Date: November 15, 2001  
Inventor: Dennis W. DAVIS, et al.  
Art Unit: 2638  
Examiner: Hanh PHAN  
Attorney Ref.: P2181/0070/Mesh-027

Documents Transmitted:

Transmittal Form (1 page)

Fee Transmittal (1 page in duplicate)

Amendment in response to Office Action dated June 16, 2005

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PTO/SB/21 (20-04)

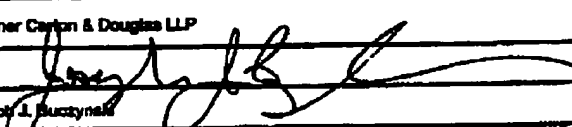
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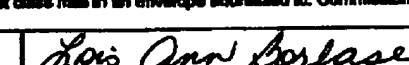
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	08/067,874	
	Filing Date	November 15, 2001	
	First Named Inventor	Dennis W. DAVIS	
	Art Unit	2637	
	Examiner Name	Hanh PHAN	
Total Number of Pages in This Submission	17	Attorney Docket Number	P21610670Meeh-027

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.62 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Gardner Carton & Douglas LLP		
Signature			
Printed name	Joseph J. Buczyński		
Date	December 16, 2005	Reg. No.	35,064

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460 on the date shown below:	
Signature	
Typed or printed name	Lois Ann Borlase
Date	12/16/05

This collection of information is required by 37 CFR 1.6. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1460, Alexandria, VA 22313-1460. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (P.L. 109-105). <b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b> Application Number <b>08/987,874</b> Filing Date <b>November 15, 2001</b> First Named Inventor <b>Dennis W. DAVIS</b> Examiner Name <b>Harsh PHAN</b> Art Unit <b>2838</b> Attorney Docket No. <b>P2181/0070/Mosh-027</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) <b>1,020.00</b>			

## METHOD OF PAYMENT (check all that apply)

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_  
☒ Deposit Account Deposit Account Number: 07-0181 Deposit Account Name: Gardner Carton & Douglas  
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  
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☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments  
 under 37 CFR 1.16 and 1.17

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## FEE CALCULATION

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
- 20 or MP = _____ x _____ = _____		
MP = highest number of total claims paid for, if greater than 20.		
<b>Index Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>
- 3 or MP = _____ x _____ = _____		
MP = highest number of independent claims paid for, if greater than 3.		

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(a).

Total Sheets	Extra Sheets	Number of units additional 50 or fraction thereof	Fee (\$)	Fees Paid (\$)
- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____				

## 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Three Month Extension of Time

Fees Paid (\$)

\$1020.00

SUBMITTED BY Signature		Registration No. <b>36,084</b> (Admission)	Telephone <b>202-230-5114</b>
Name (Print/Type) <b>Joseph J. [illegible]</b>		Date <b>Dec 16 2005</b>	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 132 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22303-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22303-1480.

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PATENT

P2181/0070  
Mesh-027

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
Dennis W. Davis et al.	:	Group Art Unit: 2638
	:	
Serial No.: 09/987,674	:	Examiner: Hanh PHAN
	:	
Filed: November 15, 2001	:	
	:	
FOR: A SYSTEM AND METHOD FOR	:	
PROVIDING SIMULATED HARDWARE-	:	
IN-THE-LOOP TESTING OF WIRELESS	:	
COMMUNICATIONS NETWORKS	:	

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

In response to the Office Action dated June 16, 2005, please amend the above-identified application as follows:

12/19/2005 TL0111 00000040 070181 09987674  
01 FC:1253 1020.00 DA